What is claimed:

1 An airborne imaging system comprising:

a blister housing disposed on a host vehicle; said blister housing having a leading end, a trailing end and a payload area, the leading end aligned with a leading end of the host vehicle:

an air inlet defined by the leading end of said blister housing;

an air channel connecting the air inlet to a power unit disposed within the blister housing;

a command/control system disposed within the payload area operably powered by the

power unit; and

a payload ejection system operably coupled to the command center for releasing an assessment system from the payload area; said assessment system including an imaging system, a transmitter and a parachute.

- 2. The airborne imaging system of claim 1 wherein the host vehicle is a gravity bomb, a remotely piloted vehicle, or a missile.
- The airborne imaging system of claim 1 wherein the blister housing includes a mating face and an external face, said mating face covered by a pressure mounted adhesive layer for adhering to an external surface of the host vehicle.
- 4. The airborne imaging system of claim 3 wherein the blister housing includes an aerodynamic tape layer partially disposed on the external face, said aerodynamic tape layer having a distal end that overhangs the circumference of the blister housing for adhering to the host vehicle.

5. The airborne imaging system of claim 1 wherein the blister housing includes an external interface connector for communication with the command /control system before deployment.

- 6. The airborne imaging system of claim 1 wherein the assessment system is eccentrically weighted so as to produce pendular motion while suspended from a parachute.
- 7. The airborne imaging system of claim 1 wherein the assessment system includes an optical imaging device.
- 8. The airborne imaging system of claim 8 wherein the optical imaging device contains an adjustable lens and an adjustable lens mount, said adjustable lens mount fixed before deployment to a set oblique look down angle so as to increase a video-imaging footprint.
- 9. The airborne imaging system of claim 1 wherein the parachute is a ring vortex or conical parachute
- 10. The airborne imaging system of claim 1 wherein the transmitting system includes an antenna.
- 11. The airborne imaging system of claim 10 wherein the antenna is a plurality of conductors enclosed within the ring vortex or conical parachute.

12. The airborne imaging system of claim 10 wherein the antenna is a single conductor that

trails the assessment system.

13. The airborne imaging system of claim 1 wherein the parachute is a parafoil design

parachute.

14. A method for proving a wide angle continuously updated video mosaic of an area of

interest by an airborne imaging system delivered by an airborne platform, said method

comprising:

attaching an blister housing to a host vehicle, said blister housing including a sensor

system;

streamlining a perimeter interface of the host vehicle and blister housing by applying a

layer of aerodynamic tape;

programming a mission profile into the sensor system;

connecting a lanyard from the blister housing to the airborne platform;

directing the host vehicle toward an area for assessment;

detaching the lanyard;

activating a command/control center internal to the blister housing for calculating an

optimal deployment schedule;

deploying a sensor system from the blister housing;

decelerating the sensor system by a drag device;

deploying a paradevice from the sensor system;

recording a plurality of individual video frames of an expanded footprint by a videoimaging device onboard the sensor system; and

transmitting the plurality of individual video frames to a processing system that continuously constructs an updated image mosaic of the area of interest.

- 15. The method of claim 14 wherein the airborne platform is a plane or an unmanned airborne vehicle
- 16. The method of claim 14 wherein the blister housing is autonomously powered by an impeller driven generator
- 17. The method of claim 16 wherein the impeller driven generator is aerodynamically coupled to an air inlet on a leading edge of the blister housing.
- 18. The method of claim 17 wherein the air inlet is further aerodynamically coupled to a pressurization system so as to create an overpressure internal to the blister housing.
- 19. The method of claim 14 wherein the blister housing is autonomously powered by an internal battery.
- 20. The method of claim 14 wherein deploying the sensor system includes the release of a blister housing cover.

- 21. The method of claim 14 wherein the sensor system is eccentrically weighted so as to create pendular motion.
- 22. The method of claim 21 wherein the video-imaging device includes a lens system with an adjustable camera look down angle.
- 23. The method of claim 22 wherein a range for the adjustable camera look down angle is twenty degrees to sixty degrees.
- 24. The method of claim 14 wherein the paradevice is a ring vortex or a conical parachute so as to create an angular motion of the sensor system.
- 25. The method of claim 24 wherein transmitting the plurality of individual video frames is through an antenna system contained within the ring vortex or the conical parachute.
- 26. The method of claim 14 wherein the sensor system is suspended from a parafoil, said parafoil having active control surfaces for extending a loiter time at the area of interest.
- 27. An airborne imaging system remotely connected to a laptop receiving station comprising: a blister package including:
 - a blister housing operably connected to a host vehicle;
 - a command/control section positioned within said blister housing to sense a desired orientation of said blister housing;

a power system operably connected to the command /control system; and
an assessment sensor system, selectively deployed from the blister package upon
achieving the desired orientation, said assessment sensor system including;
an eccentrically weighted imaging payload;

a paradevice to suspend and rotate the eccentrically weighted imaging payload; and

a transmitter system that communicates a sensor output with the laptop receiving station.